

DP-311257

OCCUPANT CLASSIFICATION METHOD
BASED ON SEATED WEIGHT MEASUREMENT

Abstract of the Disclosure

An occupant of a motor vehicle seat is characterized for purposes of air bag suppression based on the seated weight of the occupant, the variation of the seated weight, and the occupant's apparent longitudinal center-of-mass. The method distinguishes between an adult and a child seat, distinguishes between forward-facing and rearward-facing child seats, and detects cinching of a child seat.